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* * * * * Welcome to STN International * * * * *

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 substances identified in English-, French-, German-,
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 coverage of complete UK patent families
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 NEWS 10 JAN 06 The retention policy for unread STNmail messages
 will change in 2009 for STN-Columbus and STN-Tokyo
 NEWS 11 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
 Classification Data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
 AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN Welcome Banner and News Items
 NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
 specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:18:54 ON 16 JAN 2009

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILE 'REGISTRY' ENTERED AT 17:19:04 ON 16 JAN 2009
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 15 JAN 2009 HIGHEST RN 1093937-59-7
DICTIONARY FILE UPDATES: 15 JAN 2009 HIGHEST RN 1093937-59-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
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on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10\10599129\10599129t.str



chain nodes :
9 11 12 13 14 15 17 26 27 28 29
ring nodes :

```

4      5      6      7      8      18      19      20      21      22      23
chain bonds :
8-9  11-14  11-12  12-13  12-17  13-26  13-27  14-15  17-18  27-28  27-29
ring bonds :
4-5  4-8  5-6  6-7  7-8  18-19  18-23  19-20  20-21  21-22  22-23
exact/norm bonds :
4-8  7-8  8-9  11-14  12-13  13-26  13-27  14-15  27-28  27-29
exact bonds :
4-5  5-6  6-7  11-12  12-17  17-18
normalized bonds :
18-19  18-23  19-20  20-21  21-22  22-23
isolated ring systems :
containing 4 : 18 :

```

G1:O, S, N

G2:Cb,Ak,H

G3 : H, CH₃

```

Match level :
4:CLASS 5:Atom 6:Atom 7:Atom 8:CLASS 9:CLASS 11:CLASS 12:CLASS 13:CLASS
14:CLASS 15:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom
26:CLASS 27:CLASS 28:CLASS 29:CLASS 33:Atom
Element Count :
Node 28: Limited
C.Cl-7

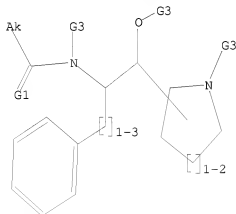
```

L1 STRUCTURE UPLOADED

$$\Rightarrow d \mid 11$$

L1 HAS NO ANSWERS

L1 STR



G1 O, S, N

G2 Cb,Ak,H

G3 H, Me

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss sam

SAMPLE SEARCH INITIATED 17:20:19 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 18037 TO ITERATE

11.1% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 352696 TO 368784
PROJECTED ANSWERS: 1 TO 360

L2 1 SEA SSS SAM L1

=> s ll sss ful

FULL SEARCH INITIATED 17:20:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 359331 TO ITERATE

100.0% PROCESSED 359331 ITERATIONS 240 ANSWERS
SEARCH TIME: 00.00.16

L3 240 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	186.84	187.06

FILE 'CAPLUS' ENTERED AT 17:20:50 ON 16 JAN 2009

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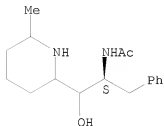
FILE COVERS 1907 - 16 Jan 2009 VOL 150 ISS 4

FILE LAST UPDATED: 15 Jan 2009 (20090115/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

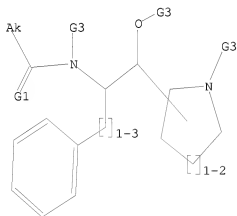
<http://www.cas.org/legal/infopolicy.html>



● HCl

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 O,S,N
G2 Cb,Ak,H
G3 H,Me

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 17:18:54 ON 16 JAN 2009)

FILE 'REGISTRY' ENTERED AT 17:19:04 ON 16 JAN 2009

L1 STRUCTURE UPLOADED

L2 1 S L1 SSS SAM

L3 240 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 17:20:50 ON 16 JAN 2009

10599129 STN Search Notes

L4 6 S L3

=> logoff y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

34.84

221.90

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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STN INTERNATIONAL LOGOFF AT 17:21:48 ON 16 JAN 2009